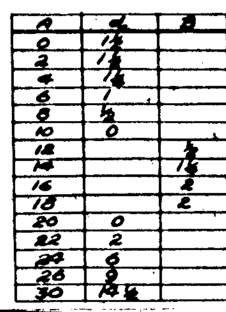


A	℄	B
0	1½	
2	1½	
4	1¼	
6	1	
8	½	
10	0	
12		½
14		1¼
16		2
18		2
20	0	
22	2	
24	6	
26	9	
30	14½	

E.O. 17C15, ALL

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
N	TRACED UP TO DATE	[illegible]	[illegible]
O	JOGGLE -92 40 (REQ'D ANGLES -49 & -68) & ANGLE -17 & -18; ADD 040 FILLER -69 & R FILLER -70 (2 REQ)	1-3-38	[illegible]
P	ADD NOTE "OMIT 4 & ETC."; CHANGE OUT STANDING LEG OF -38 & -63 REQD FOR PBY-2 & FUTURE	2-9-38	[illegible]
Q	MATL OF -7-8-9 & 10 WAS 24ST [illegible] COND T	1-12-38	[illegible]
R	28B1012-6 WAS 28B1013	2-9-38	[illegible]
S	ADDED -71 & -530 FOR PBY-5 REPLACES -2	[illegible]	[illegible]
T	MAT'L OF -21, -22 WAS K1559 24 ST	11/12/40	JOHNS

52 1/16 — 33 3/32 — 30 5/8 — AIRPLANE ℄ — D — A — D — A1

AN380-8-4 — AN345-8 — 28B1013 — -33 EXTR. ANGLE — TO HULL 35 3/8 — FALSE DECK LINE — 95 R

SCREW PLATE 28J1000 TO 28B1133-85 BEFORE RIVETING ON 28B1013 UNTIL INSTALLATION OF PILOT INSTR PANEL.

DIM (AD-38 1/16) MEASURED ON THIS LINE — 28J1000 — 28B1012-6 — 52 9/16 R

-21 LH BULB ANGLE Ⓣ, -22 RH

FAIR INTO SIDE CONTOUR AT THIS POINT

-40 LH, -68 RH FRONT DIAGONAL BRACE

PBY-2 ONLY — PORT SIDE ONLY

28B1479 LH, 28B1479-1 RH

-15 LH FRONT, -16 RH, -17 LH REAR, -18 RH

JOGGLE -92 40 .040 OVER FILLER

JOGGLE -92 40 1/16 OVER FILLER — -70 1/16 FILLER

-3 LH FRONT, -4 RH, -5 LH REAR, -6 RH

-2 WEB .030 SPEC 47A10 COND T } -C ASS'Y ONLY

-71 WEB .035 SPEC 47A10 COND T } -530 ASS'Y ONLY

-44 LH REAR DIAGONAL BRACE, -60 RH — SEE SECTION E-E 28B1425

28B1391, AN505 D6-7, AN340-D6, DRILL #28 (.141)

PBY-1 ONLY OUT STANDING LEG (F&R) OUTBD PORT SIDE ONLY (SHIP #31 & ON)

Ⓟ OMIT 4 RIVETS & HOLES FROM PORT SIDE TO BE REPLACED ON INSTALLATION OF 28C2126-3 BRACKET

-66 RH, -41 LH FRONT DIAGONAL BRACE

Q5761-K5-1.5 — 6 SEE SECT L-L — JOGGLE 1/16 — 6 R — 22F312 — STRINGER CLIP 28B075 SEE DETAIL K DWG 28B1435

AN442-D6 4 RIVETS

EIA NOTE: OMIT RIVETS ... BEFORE INSTALLATION OF PILOTS INSTRUMENT PANEL

-85 — AC425-D6 RIVET — FOR'D. — CLIP FRONT SIDE ONLY — M-942

SECTION D-D FULL SIZE

SECTION X-X FULL SIZE

KEEL 1 1/8 x 7/8 x .075 BULB ANGLE (REF.)

-36 GUSSET - .051 SPEC 47A10 COND. T.

-35 GUSSET - .051 SPEC 47A10 COND. T.

NOTE

PLACE STIFFENERS -46, 48, RADIALLY FROM CENTER OF CURVATURE

NOTE

RIVETS IN TOP & BOTTOM EDGING ANGLES EQUALLY SPACED BETWEEN WEB STIFF AS SHOWN

RIVETS IN VERTICAL & DIAGONAL WEB STIFF. EQUALLY SPACED AS SHOWN WITH END RIVETS ½ FROM EDGING ANGLES

TRIM OUTSTANDING LEG OF WEB STIFF 30° EXCEPT -34 & 46 AS SHOWN IN SECTION E-E DWG 28B1425

SEE DWG 28B1425 FOR SECTION P-P

-7 LH FRONT, -8 RH, -9 LH REAR, -10 RH

TRIM ENDS — 60° — -7 LHF, -8 RHF, -9 LHR, -10 RHR — -70 (REF)

SECTION Z-Z FULL SIZE

CUT OFF TO 7/8" — 112° — 27 7/64 R

SECTION Y-Y FULL SIZE — 4 5/8 — 30° — FORWARD

-56 ANGLE (REF.) 1 x 7/8 x .070 AL ALLOY EXTR ALCOA DIE #1288 SPEC 46A9 COND T 24S, FINISH Z-P-2AL

AC425-D4 RIVET — 22F318 CLIP — FORWARD

TWIST FLANGES OF UPPER EDGING ANGLES PARALLEL TO KEEL SECTION FOR DISTANCE OF 6" FROM ℄ OF BELTFRAME AS SHOWN

SECTION L-L FULL SIZE

FRAME BOTTOM SLOPE SAME AS KEEL SLOPE IN ALL SECTIONS PARALLEL TO KEEL SEE 28B036 FOR TABLE OF ANGLE SLOPES

SECTION F-F FULL SIZE

-18 — -32 — WEB — -71 — -21 — 28B1479 LH, 28B1479-1 RH

SECTION A-A FULL SIZE

WEB — GUSSET — -22

SECTION B-B FULL SIZE

-43 ANGLE — WEB

SECTION CC FULL SIZE

NOTE

ALL RIVETS TO BE AN442-D5 UNLESS OTHERWISE NOTED DRILL 3/16 FOR AN442-D6 RIVET DRILL 5/32 FOR AN442-D5 RIVET

PORT SIDE LOOKING FORWARD

NOTE

LIST CONSIST OF ANGLES (PLAIN, EXTRUDED & BULB WITH CORRESPONDING DASH NUMBERS.

ALL EXTRUSIONS SPEC 46A9 COND T 24ST (EXCEPT AS NOTED OTHERWISE)

Ⓡ 7/8 x 9/16 x .060 EXTR. BULB ANGLE DIE #K-1559 -3, -4, -5, -6 &

1 x 11/16 x 1/16 EXTR. BULB ANGLE DIE #K-1298 -7, -8, -9, -10 (SPEC 46A9 COND A) 24SO H.T. SR53

3/4 x 3/4 x 1/16 EXTR ANGLE DIE #K-5901 -15, -16, -17, -18, -41, -44, -45, -64, -65, -66 (24SO SPEC 46A9 COND A)

1 x 7/8 x .070 EXTR. ANGLE DIE #1298 -23, -24, -25, -56.

1 7/16 x ½ x .040 SHEET ANGLE DIE #M-925 -13, -14, - SPEC 47A10 COND A H.T. SR53

9/16 x 9/16 x .040 EXTR. ANGLE DIE #K-2200 -26, -27, -36, -37, -38, -39, -40, -48, -49, -50, -51, -52, -53, -57, -58, -61, -62, -63, -67, -68.

5/8 x ½ x .060 EXTR ANGLE DIE #K9876 -28, -29, -30, -31, -32, -33, -34, -35, -59, -60, -46, -47.

FINISH:
Z-P-2AL ON PBY-1
Z-P-2AL ON PBY-2 & FUTURE

-21, -22, 7/8 x 9/16 x .060 EXTR BULB ANGLE DIE K1559 SPEC 46A9 24SO COND A H.T. SR-53

PART NO.	L PBY-4	R	L PBY-3	R
-71	-	-	-	2
-70	2	2	2	2
28B1133-69	2	2	2	2
AN340-D6	2	2	2	2
AN505-D6-7	2	2	2	2
AN345-8	11	11	11	11
AN520-B6	11	11	11	11
AC425-D6				
AC425-D4				
AN442-D6				
AN442-D5				
Q5761-K5-1.5	2	2	2	2
Q616-D5-2	2	4	4	4
28B1012-6	2	2	2	2
28B1391	2	2	2	2
28B1479-1	1	1	1	1
28B1479	1	1	1	1
22F312	2	2	2	2
28B1013	9	9	9	9
28J1000	1	1	1	1
28B075	20	20	20	20
28B1133-68		1	1	1
67		1	1	1
66		1	1	1
65		1	1	1
64		1	1	1
63	8	8	8	6
62	1	1	1	1
61	1	1	1	1
60	1	1	1	1
59	1	1	1	1
58	1	1	1	1
57	1	1	1	1
56		1		
55	2	2	2	2
54	2	2	2	2
53	1	1	1	1
52	1	1	1	1
51	1	1	1	1
50	1	1	1	1
49	1	1	1	1
48	1	1	1	1
47	2	2	2	2
46	2	2	2	2
45	1	1	1	1
44	1	1	1	1
41	1	1	1	1
40	2	2	2	2
39	2	2	2	2
38	8	8	8	8
37	2	2	2	2
36	2	2	2	2
35	4	4	4	4
34	4	4	4	4
33	2	2	2	2
32	2	2	2	2
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8	1	1	1	1
7	1	1	1	1
6	1	1	1	1
5	1	1	1	1
4	1	1	1	1
3	1	1	1	1
28B1133-2	2	2	2	-

FINISH CODE

Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

O.H.	MODEL	NEXT ASSY.	REQ.
-530	PBY-5B	28B6000	1
-25	PBY-5A	28B5513	1
-530	PBY-5	28B1000	
	PBY-4	28B1000	
	PBY-3	28B1000	
	PBY-2	28B1000	
	PBY-1	28B1000	

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACED	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32
APPROVED	[illegible] 6-18-37
CALC. WT.	13.98
ACT WT	
SCALE	[illegible]
AC	
NAVY	NOTED
MATERIAL	NOTED
SPEC.	NOTED
HEAT TREAT	NOTED
FINISH	NOTED
DRAFT	J.R.S. 11-4-36
CHECK	[illegible]

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME: BELTFRAME HULL - STA. 1.33

OPP HAND

J 28B1133

H 85